



Grady County Extension Service

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Summary Report:

Evaluation of Banded Applications of Prevathon and Proline on Peanuts

Principal Investigators:

Brian Hayes, Grady County Extension Ag & Natural Resources Agent and Mark Abney, University of Georgia Research and Extension Peanut Entomologist.

Objectives:

Evaluate and compare season long control of Lesser Cornstalk Borer and White Mold when a banded application of Prevathon is applied alone and in combination with Proline for control of early season white mold.

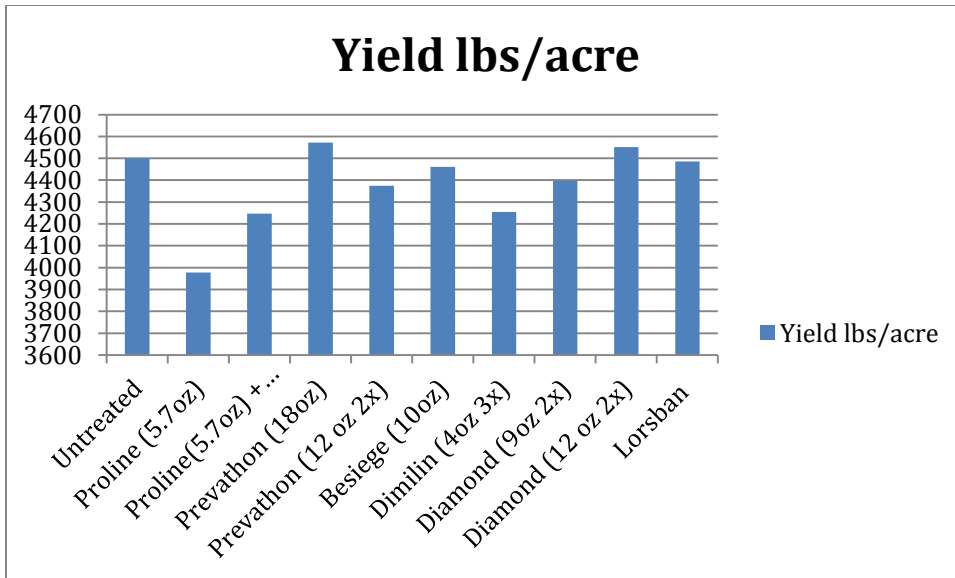
Treatments:

A dryland peanut field that is approximately 25 acres has been identified and the grower has agreed to allow us to replicate treatments in strips across the field. Treatments will include Proline (5.7 oz/acre), Prevathon (20 oz/acre), Proline in combination with Prevathon, Besiege (10oz/acre), Dimilin (4oz/acre applied 3 times), Diamond (9oz and 12oz/A applied 2 times, Lorsban (19 lbs/acre) and untreated check. Yields were taken and samples were pulled to determine pod damage by Lesser Cornstalk Borer.

Results:

Yield results are in the chart below, there is significant difference in yield by treatment but no significant difference on pod damage ratings were observed. While there are difference in yield the pressure from Lesser Cornstalk Borers this year was very minimal. This is research that needs to be continued in future years.

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Sincerely,

Brian W. Hayes
 Grady County Extension Ag & Natural Resources Agent

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